file copy Sheet FORM PTO 1449 REV 7-80 US DEPARTMENT OF COMMEPCE PATENT AND TRADEMARK OFFICE ATTY DOCKET NO. SERIAL NO. 08/474 **IG5-5** APPLICANT LIST OF PUBLICATIONS CITED BY APPLICANT Anthony P. Shuber (Use several sheets if necessary) FILING DATE GROUP 1804 June 07, 1995 U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCKET NUMBER CLASS FILING DATE IF APPROPRIATE DATE SUBCLA SS AA AB AC AD AF AG AΗ FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCKET NUMBER COUNTRY CLASS TRANSLATION YES NO DATE SUBCLA SS ΑI AJ AK OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	\bigvee	AV	W. Melchior et al., "Alternation of the Relative Stability of d Pairs in DNA", <u>Proc. Nat. Acad. Sci. USA</u> , 70,2:298-302 (1	
,		AU	G. Kumar et al., "DNA Polymorphism Under the Influence of Temperature", <u>Journal of Biomolecular Structure & Dynam</u> (1994).	nics, 12,1:183-201
\		AII	polymerase and thermodynamic characterization of model containing an abasic site", Nucleic Acids Research, 23,1:1	23-129 (1995).
		AT	H. Ide et al., "On the mechanism of preferential incorporation sites in translesional DNA synthesis. Role of proofreading	activity of DNA
		AS	T. Hung et al., "A specificty enhancer for polymerase chain Acids Research, 18, 16:4953 (1990).	
		AR	Y. Feng et al., "Modified self-consistent phonon calculation DNA melting temperature on guanine-cytosine content", 4	
		AQ	Y. Feng et al., "Criterion for DNA melting in the mean-field phonon theory", Physical Review B, 43, 11:9284-9286, (19	991).
		AP	M. Edwards et al., "Multiplex PCR: Advantages, Developm PCR Methods and Applications, 3:565-575 (1994).	
		AO	S. Ebrahimi et al., "Studies of the Interaction of a meta-Hyd 33258 with DNA by Melting Temperature, Footprinting and NMR Spectroscopy", J. Chem. Soc. Chem. Commun., 139	d High-resolution ¹ H
		AN	A. Chetverin, "Oligonucleotide Arrays: New Concepts and Bio/Technology, 12:1093-1099 (1994).	,
		АМ	T. Chenhui, "Program for Estimating the Melting Tempera Plus Cytosine Content of DNA", The Journal of Heredity, 8	4, 3:236-237 (1993) .
Zyv	4	'AL	E. Berg et al., "Hybrid PCR Sequencing: Sequencing a U Biotechniques, 17, 5: 896-901 (1994).	

		Sheet 2 NL RO
Sinte	, AW	A. Moreau et al., "Improvement of GC-Rich Template Amplification by Inverse PCR" BioTechniques, 17, 2:233-234 (1994).
	AX	S. Morse et al., "Purine-purine mismatches in RNA helices: evidence for 1996 protonated GA pairs and next-nearest neighbor effects", Nucleic Acids Research, 23, 2:302-306 (1995).
	AY	G. Mutter et al., "PCR bias in amplification of androgen receptor alleles, a trinucleotide repeat marker used in clonality studies", Nucleic Acids Research, 23, 8:1411-11418 (1995).
	AZ	P. Ponnuswamy et al., "On the Conformational Stability of Oligonucleotide Duplexes and tRNA Molecules", <u>J. theor. Biol.</u> , 169:419-432 (1994).
	BA	B. Peral et al., "Evidence of Linkage Disequilibrium in the Spanish Polycystic Kidney Disease Population" Am J. Hum. Genet, 54:899-908 (1994).
	BB	M. Peyrard et al., "Dynamics of DNA 'Melting", Nanobiology, 1:313-324 (1992).
	BC	M. Record, Jr. et al., "Theoretical Studies of the Thermodynamic Consequences of Interactions of Ions with Polymeric and Oligomeric DNA: The Preferential Interaction Coefficient and Its Application to the Termodynamic Analysis of Elecvtrolyte Effects on Conformational Stability and Ligand Binding", Theoretical Biochemistry & Molecular Biophysics, 28, 4:285-307 (1990).
	BD	A. Orou et al., "Automatic separation of two PCRs in one tube by annealing temperature", <u>Tr. Genetics</u> , 11, 4:127-128 (1995).
	BE	W. Rychlik, "Priming Efficiency in PCR", BioTechniques, 18, 1:84-90 (1995).
	BF	A. Shuber et al., "A Simplified Procedure for Developing Multiplex PCRs" Genome Research, 5:488-498 (1995).
	BG	K. Sugimoto et al., "A Rapid Isolation of the Unknown 5"-Flanking Sequence of Human CENP-B cDNA withPolymerase Chain Reactions", Agric. Biol. Chem., 55, 11:2687-2692 (1991).
	ВН	N. Sugimoto et al., "Thermodynamic Parameters To Predict Stability of RNA/DNA Hybrid Duplexes", <u>Biochemistry</u> , 34:11211-11216 (1995).
		T. Sugimoto et al., "Quantitative Detection of DNA by Coamplification Polymerase Chain Reaction: A Wide Detectable Range controlled by the Thermodynamic Stability of Primer Template Duplexes", Analytical Biochemistry, 211:170-172 (1993).
	BI	M. Tuliszka et al., "A new method of investigation of the DNA melting process - the thermal conductivity method" Thermochimica Acta, 194:67-75 (1992).
	BJ	S. Turner et al., "Use of Deoxyinosine in PCR to Improve Amplification of GC-Rich DNA", Biotechniques, 19,1 (1995).
	BK	R. Wallace et al., "Hybridization of synthetic oligodeoxyribonucleotides to $\Phi \chi$ 174 DNA: the effect of single base pair mismatch" <u>Nucleic Acids Research</u> , 6, 11:3543-3557 (1979).
	BL	F. Weighardt et al., "A Simple Procedure for Enhancing PCR Specificity", PCR Methods and Applications, 3:77-80 (1993).
V	ВМ	R. Varanasi et al., "Fine structure analysis of the WT1 gene in sporadic Wilms tumors", Proc. Natl. Acad. Sci .USA, 91:3554-3558 (1994).
	ВО	
	BP	

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